



*CERTIFIED MAIL 7015 3010 0001 0420 1067*  
*RETURN RECEIPT REQUESTED*

July 30, 2018

Eddie Terrill, Director  
Air Quality Division  
Oklahoma Department of Environmental Quality  
P.O. Box 1677  
Oklahoma City, OK 73101-1677

**PANTHER CREEK GAS PLANT**  
**PERMIT NO. 2007-268-TVR ISSUED 11/17/2010; 2007-268-TVR (M-1) ISSUED 2/10/2012; PERMIT NO.**  
**2015-0891-TVR2 ISSUED 8/14/2016**  
**NSPS SUBPART KKK and OOOOa SEMIANNUAL REPORT**

Dear Mr. Terrill:

ONEOK Field Services Company, L.L.C. (OFS) submits the attached NSPS Subpart KKK and Subpart OOOOa Semiannual Monitoring Report for the Panther Creek Gas Plant located in Custer County for the period **January 1, 2018 through June 30, 2018**.

Please call Maria Collard, ESH Coordinator, at (580) 816-4515 or me at (918) 591-5009 with any questions regarding this report.

Sincerely,

W. Parke Moore  
Corporate LDAR Program Manager

Attachments: R.O. Certification  
Panther Creek Gas Plant - Semiannual LDAR Monitoring Report

cc: Director, Air, Pesticides and Toxics Division  
USEPA, Region VI  
1445 Ross Avenue,  
Dallas, TX 75202  
*CERTIFIED MAIL 7015 3010 0001 0420 1074*  
*RETURN RECEIPT REQUESTED*

M. Collard/R. Harris/T. Goodall/D. Droegemueller/R. Brown/Panther Creek LDAR SAR (.pdf)  
Tulsa Environmental Files – Panther Creek GP - OK – LDAR SAR

ONEOK Field Services Company  
100 West Fifth Street  
Tulsa, OK 74103  
[www.oneok.com](http://www.oneok.com)

***CERTIFICATION***  
***FOR***  
***NSPS SUBPARTS KKK and OOOOa***  
***SEMIANNUAL LDAR MONITORING REPORT***  
***JANUARY 1, 2018 through JUNE 30, 2018***

**Facility Name:** Panther Creek Gas Plant  
**Facility Permit No.:** 2015-0891-TV2 issued 8/14/2016  
**Facility Location:** Sec. 3, T12N, R20W, Custer County, OK

I certify, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Name of Responsible Official (print or type): David B. Droegemueller

Title: Director – OFS Operations

Signature:  Date: July 30, 2018

**ONEOK Field Services Company, L.L.C.  
Panther Creek Gas Plant**

***NSPS SUBPARTS KKK and OOOOa  
SEMIANNUAL LDAR MONITORING REPORT  
JANUARY 1, 2018 through JUNE 30, 2018***



July 10, 2018

ONEOK  
605 Loomis Road  
Weatherford, OK 73096

Attention: Maria Collard

Re: Semi-annual Report  
Facility: Panther Creek  
Reporting Period – From January/2018 to June/2018

Mr. Lasley,

Dexter Field Services, LP (Dexter) is pleased to submit this NSPS KKK semi-annual report. This report complies with the requirements of:

60.636(a) and (c) (NSPS KKK)

As part of your semi-annual report, please submit the following items provided by Dexter Field Services, LP:

- 1.) **Semi-annual Equipment Leak Report** – A summary of total monitored, leaked, not repaired in 15 days, and delay of repair items for each equipment category grouped by Process Unit.
- 2.) **Delay of Repair Report** – Lists each delay of repair component for the reporting period, the explanation for why repair was delayed, and current status. ***Please note, this report must be signed prior to submittal to the agency.***
- 3.) **Component-New Report** – A list of components added since the previous semi-annual report.
- 4.) **Component-RFS (Removed From Service) Report** – A list of components deleted since the previous semi-annual report.
- 5.) **Semi-annual-Details-No Detectable Emissions Report** – A list of components classified as “no detectable emission” components and associated monitoring for the report period. ***Please note, this report must be signed prior to submittal to the agency.***



The following items are included in Dexter Field Services, LP report package but do not need to be submitted with the semi-annual report. These items are for facility record purposes only, and are intended for report quality checking by the client.

1. **LDAR Program Comments Summary Report** – This report is designed to be used in tandem with the Semi-annual Equipment Leak Report to allow efficient quality checks by the client.
2. **Component-Count Totals by Regulation** (With or without chemical state) – A summary of total equipment by unit, equipment category, regulation, and monitor frequency. This report is used to quality check the total components monitored on the Semi-annual Equipment Leak Report and verify the statement contained in the LDAR Program Comments Summary Report.

Please note the following reports are the responsibility of the facility to provide and submit in addition to the reports provided by Dexter Field Services, LP:

1. Times and Duration of each unit shutdown during the reporting period.
2. Notification of skip period monitoring option.

No regulatory variances were reported at your facility during this semi-annual reporting period.

We appreciate your business and the opportunity to service your leak detection program. If you have any questions or comments, please call me at (713) 820-0652.

Sincerely,  
Dexter Field Services, LP

Teddy Andrews



Client Service Manager

# Oneok - Panther Creek

## Semiannual Equipment Leak Report (Process Unit)

60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM  
 Proc Unit: Cryo Unit  
 Program: NSPS KKK

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487.c.2.v	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487.c.2.vi	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	2	0	6	2	0	6
N/A	Total Leaks	0	0	0	0	0	1
N/A	Leak Percent	0.00%	N/A	0.00%	0.00%	N/A	16.67%
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487.c.2.iii	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487.c.2.iv	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	143	1	159	140	5	159
60.487.c.2.i	Total Leaks	0	0	5	0	0	4
N/A	Leak Percent	0.00%	N/A	3.14%	0.00%	N/A	2.52%
60.487.c.2.ii	Not Repaired	0	0	0	0	0	3
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	3
N/A	Total DOR	0	0	0	0	0	3

## Oneok - Panther Creek

### Semiannual Equipment Leak Report (Process Unit) 60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM  
Proc Unit: Cryo Unit  
Program: NSPS KKK

#### Unit Downtime Summary \*\* see below

Citation	Unit Down Start	Unit Down Stop
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#### NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.  
Total Leaks = Total number of leaks detected including by AVO methods.  
Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.  
Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.  
Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.  
New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

\*\* If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.

# Oneok - Panther Creek

## Semiannual Equipment Leak Report (Process Unit)

60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Proc Unit: Glycol System

Program: NSPS KKK

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487.c.2.v	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487.c.2.vi	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	1	1	1	1	1	1
60.487.c.2.iii	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
60.487.c.2.iv	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	58	0	0	58	0	0
60.487.c.2.i	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	N/A	N/A	0.00%	N/A	N/A
60.487.c.2.ii	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0

## Oneok - Panther Creek

### Semiannual Equipment Leak Report (Process Unit) 60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM  
Proc Unit: Glycol System  
Program: NSPS KKK

#### Unit Downtime Summary \*\* see below

Citation	Unit Down Start	Unit Down Stop
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#### NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.  
Total Leaks = Total number of leaks detected including by AVO methods.  
Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.  
Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.  
Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.  
New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

\*\* If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.



# Oneok - Panther Creek

## Semiannual Equipment Leak Report (Process Unit)

60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Proc Unit: Inlet

Program: NSPS KKK

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487.c.2.v	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487.c.2.vi	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	15	0	0	15
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	0.00%	N/A	N/A	0.00%
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487.c.2.iii	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487.c.2.iv	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	9	2	671	4	1	671
60.487.c.2.i	Total Leaks	0	0	1	0	0	3
N/A	Leak Percent	N/A	N/A	0.15%	N/A	N/A	0.45%
60.487.c.2.ii	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0



## Oneok - Panther Creek

### Semiannual Equipment Leak Report (Process Unit) 60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM  
Proc Unit: Inlet  
Program: NSPS KKK

#### Unit Downtime Summary \*\* see below

Citation	Unit Down Start	Unit Down Stop
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#### NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.  
Total Leaks = Total number of leaks detected including by AVO methods.  
Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.  
Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.  
Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.  
New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

\*\* If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.

# Oneok - Panther Creek

## Semiannual Equipment Leak Report (Process Unit)

60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Proc Unit: Residue Sales

Program: NSPS KKK

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487.c.2.v	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487.c.2.vi	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487.c.2.iii	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487.c.2.iv	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	20	0	3	20	0	3
60.487.c.2.i	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	N/A	N/A	0.00%	N/A	N/A
60.487.c.2.ii	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0

## Oneok - Panther Creek

### Semiannual Equipment Leak Report (Process Unit)

60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM  
Proc Unit: Residue Sales  
Program: NSPS KKK

#### Unit Downtime Summary \*\* see below

Citation	Unit Down Start	Unit Down Stop
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#### NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.  
Total Leaks = Total number of leaks detected including by AVO methods.  
Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.  
Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.  
Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.  
New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

\*\* If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.

# Oneok - Panther Creek

## Semiannual Equipment Leak Report (Process Unit) 60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM  
Proc Unit: Storage & Truck Loading  
Program: NSPS KKK

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487.c.2.v	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487.c.2.vi	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	1	1	1	1	1	1
60.487.c.2.iii	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
60.487.c.2.iv	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	1	0	28	1	0	28
60.487.c.2.i	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	0.00%	N/A	N/A	0.00%
60.487.c.2.ii	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0

## Oneok - Panther Creek

### Semiannual Equipment Leak Report (Process Unit)

60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM  
Proc Unit: Storage & Truck Loading  
Program: NSPS KKK

#### Unit Downtime Summary \*\* see below

Citation	Unit Down Start	Unit Down Stop
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#### NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.  
Total Leaks = Total number of leaks detected including by AVO methods.  
Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.  
Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.  
Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.  
New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

\*\* If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.

# Oneok - Panther Creek

## Semiannual Equipment Leak Report (Process Unit) 60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM  
Proc Unit: Utilities  
Program: NSPS KKK

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487.c.2.v	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487.c.2.vi	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	6	6	6	6	6	6
60.487.c.2.iii	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
60.487.c.2.iv	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	11	0	31	11	0	31
60.487.c.2.i	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	N/A	0.00%	0.00%	N/A	0.00%
60.487.c.2.ii	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0



## Oneok - Panther Creek

### Semiannual Equipment Leak Report (Process Unit)

60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM  
Proc Unit: Utilities  
Program: NSPS KKK

#### Unit Downtime Summary \*\* see below

Citation	Unit Down Start	Unit Down Stop
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#### NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.  
Total Leaks = Total number of leaks detected including by AVO methods.  
Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.  
Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.  
Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.  
New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

\*\* If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.

# Oneok - Panther Creek

## Semiannual Equipment Leak Report (Process Unit)

60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Proc Unit: Vapor Recovery

Program: NSPS KKK

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487.c.2.v	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487.c.2.vi	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	3	0	0	3
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	0.00%	N/A	N/A	0.00%
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	1	1	1	1	1	1
60.487.c.2.iii	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
60.487.c.2.iv	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	83	0	0	83
60.487.c.2.i	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	0.00%	N/A	N/A	0.00%
60.487.c.2.ii	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0

## Oneok - Panther Creek

### Semiannual Equipment Leak Report (Process Unit)

60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM  
Proc Unit: Vapor Recovery  
Program: NSPS KKK

#### Unit Downtime Summary \*\* see below

Citation	Unit Down Start	Unit Down Stop
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#### NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.  
Total Leaks = Total number of leaks detected including by AVO methods.  
Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.  
Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.  
Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.  
New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

\*\* If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.

# Oneok - Panther Creek

## Semiannual Equipment Leak Report (Process Unit)

60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Proc Unit: Y-Grade Sales

Program: NSPS KKK

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487.c.2.v	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487.c.2.vi	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	2	0	0	2	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	N/A	N/A	0.00%	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	4	4	4	4	4	4
60.487.c.2.iii	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
60.487.c.2.iv	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	75	0	0	75	0	0
60.487.c.2.i	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	N/A	N/A	0.00%	N/A	N/A
60.487.c.2.ii	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0

## Oneok - Panther Creek

### Semiannual Equipment Leak Report (Process Unit)

60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM  
Proc Unit: Y-Grade Sales  
Program: NSPS KKK

#### Unit Downtime Summary \*\* see below

Citation	Unit Down Start	Unit Down Stop
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#### NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.  
Total Leaks = Total number of leaks detected including by AVO methods.  
Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.  
Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.  
Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.  
New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

\*\* If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.

## DOR – Date Range – Process Unit (RPT 488)

**Site:** Oneok - Panther Creek  
**Proc Unit:** Cryo Unit  
**Regulation:** NSPS KKK  
**Date Range:** 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Cat/Type	Description		Source of Leak	
102500	Valve/V-Control	0/02 PV16.02C DEHYDRATOR BTM SSD OF PV16.02C ON SKID TCC		Packing	
Start Date	End Date	Reading	Reason for Delay	Approver	Exp Shutdown Date
7/3/2018		43800	Repair Infeasible w/o Shutdown	Maria Collard	7/3/2019
DOR Memo:		CANNOT ISOLATE VALVE BECAUSE IT IS ON MAIN LINE			

Tag Name	Equip Cat/Type		Description	Source of Leak	
103600	Valve/V-Control		0/03 PV16.02B DEHYDRATOR BTM SSD OF PV16.02B ON SKID TCC	Packing	
Start Date	End Date	Reading	Reason for Delay	Approver	Exp Shutdown Date
7/3/2018		59500	Repair Infeasible w/o Shutdown	Maria Collard	7/3/2019
DOR Memo:		CANNOT BLOCK IN VALVE FOR ISOLATION			

Tag Name	Equip Cat/Type	Description		Source of Leak	
104300	Valve/V-Control	0/02 PV16.02A DEHYDRATOR BTM SWSD OF PV16.02A ON SKID T		Packing	
Start Date	End Date	Reading	Reason for Delay	Approver	Exp Shutdown Date
7/3/2018		95100	Repair Infeasible w/o Shutdown	Maria Collard	7/3/2019
DOR Memo:		CANNOT ISOLATE WITHOUT SHUTTING DOWN COMPLETE UNIT			

DOR ProC Unit Totals: 3



## DOR – Date Range – Process Unit (RPT 488)

Site: Oneok - Panther Creek  
Proc Unit: Cryo Unit  
Regulation: NSPS KKK  
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Regulation Totals: 3

Approval Signature: 

## Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Panther Creek  
Proc Unit: Cryo Unit  
Regulation: NSPS KKK  
Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
091900	Valve	V-Regulator	Light Liquid	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/14/2017 3:00:59 PM	98	500	0517	26042939	0

Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Panther Creek  
Proc Unit: Cryo Unit  
Regulation: NSPS KKK  
Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Proc Unit Totals: 1

## Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Panther Creek  
 Proc Unit: Glycol System  
 Regulation: NSPS KKK  
 Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
122900	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/14/2017 4:11:47 PM	18	500	0626	31419489	0
124100	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/14/2017 4:12:29 PM	94	500	0626	31419489	0
124400	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/14/2017 4:13:08 PM	13	500	0626	31419489	0
124500	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/14/2017 4:13:47 PM	14	500	0626	31419489	0
124600	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/14/2017 4:14:30 PM	11	500	0626	31419489	0
126000	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/14/2017 4:15:24 PM	8	500	0626	31419489	0

# Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site:	Oneok - Panther Creek													
Proc Unit:	Glycol System													
Regulation:	NSPS KKK													
Date Range:	7/1/2017	to	6/30/2018 11:59:59 PM											
Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background	

Proc Unit Totals: 6

## Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Panther Creek  
Proc Unit: Inlet  
Regulation: NSPS KKK  
Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
000700	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/13/2017 10:08:49 AM	3	500	0518	53391437	0
004300	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/13/2017 10:34:01 AM	4.4	500	0518	53391437	0
059200	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/14/2017 11:16:13 AM	7	500	0626	31419489	0
114500	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/14/2017 1:28:03 PM	22	500	0517	26042939	0



Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site:	Oneok - Panther Creek												
Proc Unit:	Inlet												
Regulation:	NSPS KKK												
Date Range:	7/1/2017	to	6/30/2018 11:59:59 PM										
Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
Proc Unit Totals: 4													

## Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Panther Creek  
Proc Unit: Storage & Truck Loading  
Regulation: NSPS KKK  
Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
006501	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/13/2017 10:51:09 AM	9.9	500	0518	53391437	0
006601	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/13/2017 10:53:11 AM	23.9	500	0518	53391437	0

# Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Panther Creek  
Proc Unit: Storage & Truck Loading  
Regulation: NSPS KKK  
Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Proc Unit Totals: 2

## Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Panther Creek

Proc Unit: Utilities

Regulation: NSPS KKK

Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
056300	Valve	V-Regulator	Light Liquid	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/13/2017 1:57:02 PM	7	500	0567	25932392	0

## Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Panther Creek

Proc Unit: Utilities

Regulation: NSPS KKK

Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Proc Unit Totals: 1

## Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Panther Creek  
 Proc Unit: Vapor Recovery  
 Regulation: NSPS KKK  
 Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
008900	Valve	V-Regulator	Light Liquid	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/13/2017 11:11:34 AM	4.4	500	0518	53391437	0
011000	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/13/2017 11:25:21 AM	1.7	500	0518	53391437	0
013300	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/13/2017 12:17:09 PM	2.8	500	0518	53391437	0
013400	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/13/2017 12:17:45 PM	4.5	500	0518	53391437	0
013500	Valve	V-Regulator	Vapor	Yearly (Dec)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	12/13/2017 12:18:20 PM	2.2	500	0518	53391437	0



# Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Panther Creek  
Proc Unit: Vapor Recovery  
Regulation: NSPS KKK  
Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Proc Unit Totals: 5

## Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Panther Creek  
Proc Unit: Vapor Recovery  
Regulation: NSPS KKK  
Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Signature: 

**COMPONENT – ADDED – PROCESS UNIT (RPT 481)**

Same as Component - Added report (Components that were added within specified dates) except it pulls & sorts by Process Unit instead of Area

Site:		Oneok - Panther Creek									
Proc Unit:		Cryo Unit									
Regulation:		NSPS KKK									
Date Range:		1/1/2018		to		6/30/2018 11:59:59 PM					
Tag Name	Equip Category	Equip Type	Description	Size	Chem State	Frequency	Explanation	Reason Added		Install Date	
102700	Valve	V-Control	0/02 PV16.02C DEHYDRATOR BTM SSD OF PV16.02C ON SKID TCCV6C VCNTL	3	V	3rd month Quarter		No MOC provided		1/11/2018	

**COMPONENT – ADDED – PROCESS UNIT (RPT 481)**

Same as Component - Added report (Components that were added within specified dates) except it pulls & sorts by Process Unit instead of Area

Site:	Oneok - Panther Creek									
Proc Unit:	Cryo Unit									
Regulation:	NSPS KKK									
Date Range:	1/1/2018	to	6/30/2018 11:59:59 PM							
Tag Name	Equip Category	Equip Type	Description	Size	Chem State	Frequency	Explanation	Reason Added	Install Date	

Prod Area Total: 1

## COMPONENT – ADDED – PROCESS UNIT (RPT 481)

Same as Component - Added report (Components that were added within specified dates) except it pulls & sorts by Process Unit instead of Area

Site: Oneok - Panther Creek

Proc Unit: Inlet

Regulation: NSPS KKK

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Description	Size	Chem State	Frequency	Explanation	Reason Added	Install Date
023100	Valve	V-Ball	0/04 PV16.14 LP FLASH SEP NESD OF VSSL BLK	0.5	LL	3rd month Quarter		No MOC provided	1/11/2018
052500	Valve	V-Control	0/03 LR-16.903 BINKS LAUNCHR/RECEIVR NESD CRNR OF SITE FCV-16A VCNTL	3	V	3rd month Quarter		No MOC provided	1/11/2018

# COMPONENT – ADDED – PROCESS UNIT (RPT 481)

Same as Component - Added report (Components that were added within specified dates) except it pulls & sorts by Process Unit instead of Area

Site:	Oneok - Panther Creek									
Proc Unit:	Inlet									
Regulation:	NSPS KKK									
Date Range:	1/1/2018	to	6/30/2018 11:59:59 PM							
Tag Name	Equip Category	Equip Type	Description	Size	Chem State	Frequency	Explanation	Reason Added	Install Date	

Prod Area Total: 2

# Component – Deleted – Process Unit (RPT 482)

Components that were removed from service within specified dates – by Process Unit

Site: Oneok - Panther Creek  
Proc Unit: ALL  
Regulation: NSPS KKK  
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip_Type	Description	Size	Chem State	Frequency	Explanation	Reason Removed	RFS Date



# Component – Deleted – Process Unit (RPT 482)



Components that were removed from service within specified dates – by Process Unit

Site: Oneok - Panther Creek  
Proc Unit: ALL  
Regulation: NSPS KKK  
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip_Type	Description	Size	Chem State	Frequency	Explanation	Reason Removed	RFS Date
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Proc Unit Total: 0

Monitor - Details-CVS-With Type – Process Unit (RPT 496)

Site:		Oneok - Panther Creek												
Proc Unit:		ALL												
Regulation:		NSPS KKK												
Date Range:		7/1/2017 to 6/30/2018 11:59:59 PM												
Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background	
														

# Monitor - Details-CVS-With Type – Process Unit (RPT 496)

Site:	Oneok - Panther Creek													
Proc Unit:	ALL													
Regulation:	NSPS KKK													
Date Range:	7/1/2017	to	6/30/2018 11:59:59 PM											
Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background	
Proc Unit Totals: 0														

## Monitor - Details-CVS-With Type - Process Unit (RPT 496)

Site: Oneok - Panther Creek

Proc Unit: ALL

Regulation: NSPS KKK

Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Signature: 



July 10, 2018

ONEOK  
2001 South Highway 81 / PO Box 29  
Medford, Oklahoma 73759-5133

Attention: Patrick Allison

Re: Semi-annual Report  
Facility: Panther Creek NGL  
Reporting Period – From January/2018 to June/2018

Mr. Allison,

Dexter Field Services, LP (Dexter) is pleased to submit this NSPS KKK semi-annual report. This report complies with the requirements of:

60.636(a) and (c) (NSPS KKK)

As part of your semi-annual report, please submit the following items provided by Dexter Field Services, LP:

- 1.) **Semi-annual Equipment Leak Report** – A summary of total monitored, leaked, not repaired in 15 days, and delay of repair items for each equipment category grouped by Process Unit.
- 2.) **Delay of Repair Report** – Lists each delay of repair component for the reporting period, the explanation for why repair was delayed, and current status. *Please note, this report must be signed prior to submittal to the agency.*
- 3.) **Component-New Report** – A list of components added since the previous semi-annual report.
- 4.) **Component-RFS (Removed From Service) Report** – A list of components deleted since the previous semi-annual report.
- 5.) **Semi-annual-Details-No Detectable Emissions Report** – A list of components classified as “no detectable emission” components and associated monitoring for the report period. *Please note, this report must be signed prior to submittal to the agency.*

The following items are included in Dexter Field Services, LP report package but do not need to be submitted with the semi-annual report. These items are for facility record purposes only, and are intended for report quality checking by the client.

1. **LDAR Program Comments Summary Report** – This report is designed to be used in tandem with the Semi-annual Equipment Leak Report to allow efficient quality checks by the client.
2. **Component-Count Totals by Regulation** (With or without chemical state) – A summary of total equipment by unit, equipment category, regulation, and monitor frequency. This report is used to quality check the total components monitored on the Semi-annual Equipment Leak Report and verify the statement contained in the LDAR Program Comments Summary Report.

Please note the following reports are the responsibility of the facility to provide and submit in addition to the reports provided by Dexter Field Services, LP:

1. Times and Duration of each unit shutdown during the reporting period.
2. Notification of skip period monitoring option.

No regulatory variances were reported at your facility during this semi-annual reporting period.

We appreciate your business and the opportunity to service your leak detection program. If you have any questions or comments, please call me at (713) 820-0652.

Sincerely,  
Dexter Field Services, LP

Teddy Andrews



Client Service Manager

# Oneok - Panther Creek NGL

## Semiannual Equipment Leak Report (Process Unit)

60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Proc Unit: NGL Skid

Program: NSPS KKK

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
60.487.c.2.v	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
60.487.c.2.vi	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	1	0	0	0
60.487.c.2.iii	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	0.00%	N/A	N/A	N/A
60.487.c.2.iv	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	5	0	62	0	0	60
60.487.c.2.i	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	0.00%	N/A	N/A	0.00%
60.487.c.2.ii	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0



## Oneok - Panther Creek NGL

### Semiannual Equipment Leak Report (Process Unit)

60.487.c

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Proc Unit: NGL Skid

Program: NSPS KKK

#### Unit Downtime Summary \*\* see below

Citation	Unit Down Start	Unit Down Stop
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#### NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.

Total Leaks = Total number of leaks detected including by AVO methods.

Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.

Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.

Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.

New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

\*\* If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.

DOR – Date Range – Process Unit (RPT 488)

Site: Oneok - Panther Creek NGL  
Proc Unit: ALL  
Regulation: NSPS KKK  
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Cat/Type	Description	Source of Leak
Start Date	End Date	Reading	Reason for Delay
DOR Memo:		Approver	Exp Shutdown Date

DOR ProC Unit Totals: 0

# DOR – Date Range – Process Unit (RPT 488)

Site: Oneok - Panther Creek NGL  
Proc Unit: ALL  
Regulation: NSPS KKK  
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Regulation Totals: 0

Approval Signature:



# Monitor - Details-NDE-With Type - Process Unit (RPT 497)

Site: Oneok - Panther Creek NGL

Proc Unit: NGL Skid

Regulation: NSPS KKK

Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
927701	Pump	Canned Pump	Light Liquid	Yearly (Mar)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3/14/2018 1:10:55 PM	6	500	0626	02515415	0
927702	Valve	V-Regulator	Light Liquid	Yearly (Mar)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3/14/2018 1:11:29 PM	45	500	0626	02515415	0
929500	Valve	V-Regulator	Light Liquid	Yearly (Mar)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9/19/2017 11:54:53 AM	15	500	0464	15249568	0
929500	Valve	V-Regulator	Light Liquid	Yearly (Mar)	Never (SS)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3/14/2018 1:21:04 PM	4	500	0626	02515415	0

Monitor - Details-NDE-With Type - Process Unit (RPT 497)

Site:	Oneok - Panther Creek NGL												
Proc Unit:	NGL Skid												
Regulation:	NSPS KKK												
Date Range:	7/1/2017		to		6/30/2018 11:59:59 PM								
Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background

Proc Unit Totals: 4

# Monitor - Details-NDE-With Type - Process Unit (RPT 497)

Site: Oneok - Panther Creek NGL

Proc Unit: NGL Skid

Regulation: NSPS KKK

Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Signature:



# COMPONENT – ADDED – PROCESS UNIT (RPT 481)

Same as Component - Added report (Components that were added within specified dates) except it pulls & sorts by Process Unit instead of Area

Site: Oneok - Panther Creek NGL  
Proc Unit: ALL  
Regulation: NSPS KKK  
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Description	Size	Chem State	Frequency	Explanation	Reason Added	Install Date



# COMPONENT – ADDED – PROCESS UNIT (RPT 481)

Same as Component - Added report (Components that were added within specified dates) except it pulls & sorts by Process Unit instead of Area

Site:	Oneok - Panther Creek NGL									
Proc Unit:	ALL									
Regulation:	NSPS KKK									
Date Range:	1/1/2018 to 6/30/2018 11:59:59 PM									
Tag Name	Equip Category	Equip Type	Description	Size	State	Chem	Frequency	Explanation	Reason Added	Install Date

Prod Area Total: 0

# Component – Deleted – Process Unit (RPT 482)

Components that were removed from service within specified dates – by Process Unit

Site: Oneok - Panther Creek NGL

Proc Unit: ALL

Regulation: NSPS KKK

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip_Type	Description	Size	Chem State	Frequency	Explanation	Reason Removed	RFS Date

# Component – Deleted – Process Unit (RPT 482)

Components that were removed from service within specified dates – by Process Unit

Site: Oneak - Panther Creek NGL  
Proc Unit: ALL  
Regulation: NSPS KKK  
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip_Type	Description	Size	Chem State	Frequency	Explanation	Reason Removed	RFS Date
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Proc Unit Total: 0

# Monitor - Details-CVS-With Type - Process Unit (RPT 496)

Site: Oneok - Panther Creek NGL

Proc Unit: ALL

Regulation: NSPS KKK

Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background

# Monitor - Details-CVS-With Type – Process Unit (RPT 496)

Site: Oneok - Panther Creek NGL  
 Proc Unit: ALL  
 Regulation: NSPS KKK  
 Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Proc Unit Totals: 0

# Monitor - Details-CVS-With Type - Process Unit (RPT 496)

Site:	Oneok - Panther Creek NGL												
Proc Unit:	ALL												
Regulation:	NSPS KKK												
Date Range:	7/1/2017 to 6/30/2018 11:59:59 PM												
Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background

Signature: 



July 10, 2018

ONEOK  
605 Loomis Road  
Weatherford, OK 73096

Attention: Maria Collard

Re: Semi-annual Report  
Facility: Panther Creek  
Reporting Period – From January/2018 to June/2018

Mr. Lasley,

Dexter Field Services, LP (Dexter) is pleased to submit this NSPS OOOOa semi-annual report. This report complies with the requirements of:

NSPS OOOOa

As part of your semi-annual report, please submit the following items provided by Dexter Field Services, LP:

- 1.) **Semi-annual Equipment Leak Report** – A summary of total monitored, leaked, not repaired in 15 days, and delay of repair items for each equipment category grouped by Process Unit.
- 2.) **Delay of Repair Report** – Lists each delay of repair component for the reporting period, the explanation for why repair was delayed, and current status. ***Please note, this report must be signed prior to submittal to the agency.***
- 3.) **Component-New Report** – A list of components added since the previous semi-annual report.
- 4.) **Component-RFS (Removed From Service) Report** – A list of components deleted since the previous semi-annual report.
- 5.) **Semi-annual-Details-No Detectable Emissions Report** – A list of components classified as “no detectable emission” components and associated monitoring for the report period. ***Please note, this report must be signed prior to submittal to the agency.***



The following items are included in Dexter Field Services, LP report package but do not need to be submitted with the semi-annual report. These items are for facility record purposes only, and are intended for report quality checking by the client.

1. **LDAR Program Comments Summary Report** – This report is designed to be used in tandem with the Semi-annual Equipment Leak Report to allow efficient quality checks by the client.
2. **Component-Count Totals by Regulation** (With or without chemical state) – A summary of total equipment by unit, equipment category, regulation, and monitor frequency. This report is used to quality check the total components monitored on the Semi-annual Equipment Leak Report and verify the statement contained in the LDAR Program Comments Summary Report.

Please note the following reports are the responsibility of the facility to provide and submit in addition to the reports provided by Dexter Field Services, LP:


1. Times and Duration of each unit shutdown during the reporting period.
2. Notification of skip period monitoring option.

No regulatory variances were reported at your facility during this semi-annual reporting period.

We appreciate your business and the opportunity to service your leak detection program. If you have any questions or comments, please call me at (713) 820-0652.

Sincerely,  
Dexter Field Services, LP

Teddy Andrews



Client Service Manager



# Oneok - Panther Creek

## Semiannual Equipment Leak Report (Process Unit)

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Proc Unit: Flare Systems

Program: NSPS 0000a

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Connector	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	1	1	1	1	1	1
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	20	0	0	20
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	0.00%	N/A	N/A	0.00%
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0

## Oneok - Panther Creek

### Semiannual Equipment Leak Report (Process Unit)

**Date Range:** 1/1/2018 to 6/30/2018 11:59:59 PM  
**Proc Unit:** Flare Systems  
**Program:** NSPS 0000a

#### Unit Downtime Summary \*\* see below

Citation	Unit Down Start	Unit Down Stop
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#### NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.  
Total Leaks = Total number of leaks detected including by AVO methods.  
Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.  
Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.  
Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.  
New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

\*\* If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.

# Oneok - Panther Creek

## Semiannual Equipment Leak Report (Process Unit)

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Proc Unit: Inlet

Program: NSPS 0000a

Citation	Compressor	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Connector	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Press Relief Device	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Pump	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	0	0	0	0
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	N/A	N/A	N/A	N/A
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0
Citation	Valve	January	February	March	April	May	June
	Phase Type: All						
N/A	Total Inspected	0	0	1	0	0	1
N/A	Total Leaks	0	0	0	0	0	0
N/A	Leak Percent	N/A	N/A	0.00%	N/A	N/A	0.00%
N/A	Not Repaired	0	0	0	0	0	0
N/A	Previous DOR Total	0	0	0	0	0	0
N/A	New DOR Total	0	0	0	0	0	0
N/A	Total DOR	0	0	0	0	0	0

## Oneok - Panther Creek

### Semiannual Equipment Leak Report (Process Unit)

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM  
Proc Unit: Inlet  
Program: NSPS 0000a

#### Unit Downtime Summary \*\* see below

Citation	Unit Down Start	Unit Down Stop
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#### NOTES

Total Inspected = Total components monitored including delay of repair items and heavy liquid phase.  
Total Leaks = Total number of leaks detected including by AVO methods.  
Leak Percentage = Total Leaks divided by Total Inspected - Non-rolling Average.  
Not Repaired = Leaks not repaired in required time period. Includes items placed on delay of repair.  
Previous DOR Total = Number of DOR items prior to the monitoring event represented in the monthly column.  
New DOR Total = Number of DOR items added during the monitoring event represented in the monthly column.

\*\* If there were no DOR items during the semi-annual reporting period, no unit downtime information is required.

## DOR – Date Range – Process Unit (RPT 488)

Site: Oneok - Panther Creek  
Proc Unit: ALL  
Regulation: NSPS 0000a  
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name		Equip Cat/Type		Description	Source of Leak	
Start Date	End Date	Reading	Reason for Delay		Approver	Exp Shutdown Date
DOR Memo:						

DOR ProC Unit Totals: 0

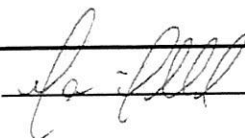
## DOR – Date Range – Process Unit (RPT 488)

Site: Oneok - Panther Creek  
Proc Unit: ALL  
Regulation: NSPS 0000a  
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

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Regulation Totals: 0

Approval Signature: \_\_\_\_\_

A handwritten signature in black ink, appearing to be "J. A. Miller", is written over the signature line.



## Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Panther Creek

Proc Unit: ALL

Regulation: NSPS OOOOa

Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
													

Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site:	Oneok - Panther Creek												
Proc Unit:	ALL												
Regulation:	NSPS OOOOa												
Date Range:	7/1/2017	to	6/30/2018 11:59:59 PM										
Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
Proc Unit Totals: 0													



## Monitor - Details-NDE-With Type – Process Unit (RPT 497)

Site: Oneok - Panther Creek

Proc Unit: ALL

Regulation: NSPS 0000a

Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Signature: 

**COMPONENT – ADDED – PROCESS UNIT (RPT 481)**

Same as Component - Added report (Components that were added within specified dates) except it pulls & sorts by Process Unit instead of Area

Site: Oneok - Panther Creek  
 Proc Unit: ALL  
 Regulation: NSPS OOOOa  
 Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Description	Size	Chem State	Frequency	Explanation	Reason Added	Install Date

## COMPONENT – ADDED – PROCESS UNIT (RPT 481)

Same as Component - Added report (Components that were added within specified dates) except it pulls & sorts by Process Unit instead of Area

Site: Oneok - Panther Creek

Proc Unit: ALL

Regulation: NSPS OOOOa

Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Description	Size	Chem State	Frequency	Explanation	Reason Added	Install Date
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Prod Area Total: 0

# Component – Deleted – Process Unit (RPT 482)

Components that were removed from service within specified dates – by Process Unit

Site: Oneok - Panther Creek  
Proc Unit: ALL  
Regulation: NSPS OOOOa  
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip_Type	Description	Size	Chem State	Frequency	Explanation	Reason Removed	RFS Date

# Component – Deleted – Process Unit (RPT 482)

Components that were removed from service within specified dates – by Process Unit

Site: Oneok - Panther Creek  
Proc Unit: ALL  
Regulation: NSPS OOOOa  
Date Range: 1/1/2018 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip_Type	Description	Size	Chem State	Frequency	Explanation	Reason Removed	RFS Date
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Proc Unit Total: 0

## Monitor - Details-CVS-With Type – Process Unit (RPT 496)

Site: Oneok - Panther Creek  
 Proc Unit: Flare Systems  
 Regulation: NSPS OOOOa  
 Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
021200	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:12:32 PM	2.7	500	0518	53391437	0
021200.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:12:54 PM	2	500	0518	53391437	0
021200.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:13:16 PM	56.8	500	0518	53391437	0
021200.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:13:39 PM	6.8	500	0518	53391437	0
021300	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:14:12 PM	23.6	500	0518	53391437	0
021300.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:14:34 PM	75.3	500	0518	53391437	0
021300.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:14:56 PM	49.5	500	0518	53391437	0
021400.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:16:18 PM	1.5	500	0518	53391437	0
022300.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:24:04 PM	2.2	500	0518	53391437	0
022400	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:24:43 PM	170.8	500	0518	53391437	0
022400.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:25:12 PM	39.8	500	0518	53391437	0
022400.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:25:34 PM	169.5	500	0518	53391437	0
022500	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:26:22 PM	89.2	500	0518	53391437	0
022500.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:26:49 PM	2.5	500	0518	53391437	0
022500.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:27:16 PM	27	500	0518	53391437	0
022600	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017	4	500	0464	15249568	0
022600	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:27:50 PM	32.8	500	0518	53391437	0
022600.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:28:13 PM	48.9	500	0518	53391437	0
022600.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/13/2017 1:28:37 PM	25.9	500	0518	53391437	0
065400.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 1:53:32 PM	95	500	0626	31419489	0
066100	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:04:40 AM	6	500	0626	31419489	0
066100.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:05:08 AM	7	500	0626	31419489	0

## Monitor - Details-CVS-With Type – Process Unit (RPT 496)

Site: Oneok - Panther Creek  
 Proc Unit: Flare Systems  
 Regulation: NSPS OOOOa  
 Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
066100.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:05:59 AM	6	500	0626	31419489	0
066100.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:06:31 AM	5	500	0626	31419489	0
066200	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:07:19 AM	8	500	0626	31419489	0
066200.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:07:56 AM	8	500	0626	31419489	0
066200.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:08:25 AM	7	500	0626	31419489	0
066200.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:08:53 AM	6	500	0626	31419489	0
066200.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:09:22 AM	9	500	0626	31419489	0
066200.05	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:09:49 AM	8	500	0626	31419489	0
066200.06	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:10:15 AM	6	500	0626	31419489	0
066200.07	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:10:50 AM	8	500	0626	31419489	0
066200.08	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:11:25 AM	10	500	0626	31419489	0
066200.09	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:11:50 AM	10	500	0626	31419489	0
066300	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:12:31 AM	10	500	0626	31419489	0
066300.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:12:57 AM	7	500	0626	31419489	0
066300.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:13:22 AM	6	500	0626	31419489	0
066300.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:14:13 AM	10	500	0626	31419489	0
066300.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:14:38 AM	7	500	0626	31419489	0
070600	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:36:54 PM	10	500	0626	31419489	0
070600.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:37:29 PM	9	500	0626	31419489	0
072600	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:49:53 AM	23	500	0517	26042939	0
072600.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:50:26 AM	16	500	0517	26042939	0
072600.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:50:48 AM	20	500	0517	26042939	0



## Monitor - Details-CSV-With Type – Process Unit (RPT 496)

Site: Oneok - Panther Creek  
 Proc Unit: Flare Systems  
 Regulation: NSPS OOOOa  
 Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
072600.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:51:10 AM	20	500	0517	26042939	0
072600.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:51:32 AM	27	500	0517	26042939	0
072600.05	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:51:56 AM	18	500	0517	26042939	0
072600.06	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:52:34 AM	18	500	0517	26042939	0
072600.07	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:52:57 AM	16	500	0517	26042939	0
072700	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:54:05 AM	34	500	0517	26042939	0
072700.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:54:30 AM	22	500	0517	26042939	0
072700.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:54:53 AM	25	500	0517	26042939	0
072700.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:55:17 AM	36	500	0517	26042939	0
072700.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:55:43 AM	48	500	0517	26042939	0
072700.05	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:56:07 AM	14	500	0517	26042939	0
072700.06	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:57:01 AM	18	500	0517	26042939	0
072700.07	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:57:23 AM	15	500	0517	26042939	0
072700.08	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:57:47 AM	14	500	0517	26042939	0
072700.09	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:58:11 AM	16	500	0517	26042939	0
072700.10	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:58:51 AM	17	500	0517	26042939	0
072700.11	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 8:59:17 AM	28	500	0517	26042939	0
088200	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 9:46:43 AM	7	500	0517	26042939	0
088200	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:55:13 PM	21	500	0517	26042939	0
095400	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:10:16 AM	12	500	0517	26042939	0
095400.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:10:39 AM	13	500	0517	26042939	0
095400.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:11:03 AM	12	500	0517	26042939	0



## Monitor - Details-CSV-With Type – Process Unit (RPT 496)

Site: Oneok - Panther Creek  
 Proc Unit: Flare Systems  
 Regulation: NSPS OOOOa  
 Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
095400.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:11:26 AM	14	500	0517	26042939	0
095400.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:11:54 AM	14	500	0517	26042939	0
095400.05	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:12:23 AM	13	500	0517	26042939	0
095400.06	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:13:11 AM	13	500	0517	26042939	0
095400.07	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:13:38 AM	13	500	0517	26042939	0
095700.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 3:06:33 PM	31	500	0517	26042939	0
096100	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:57:13 AM	33	500	0517	26042939	0
096200	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 3:04:43 PM	57	500	0517	26042939	0
096200.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 3:05:14 PM	32	500	0517	26042939	0
096200.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 3:05:42 PM	31	500	0517	26042939	0
100800.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:03:59 AM	44	500	0517	26042939	0
100800.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:04:21 AM	35	500	0517	26042939	0
100800.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:04:44 AM	31	500	0517	26042939	0
100800.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:05:08 AM	28	500	0517	26042939	0
100800.05	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:05:32 AM	20	500	0517	26042939	0
100800.06	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:06:26 AM	22	500	0517	26042939	0
100800.07	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:06:50 AM	24	500	0517	26042939	0
100800.08	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:07:16 AM	33	500	0517	26042939	0
100800.09	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:07:39 AM	22	500	0517	26042939	0
100800.10	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:08:06 AM	21	500	0517	26042939	0
100800.11	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:08:29 AM	24	500	0517	26042939	0
100800.12	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:08:52 AM	30	500	0517	26042939	0

## Monitor - Details-CSV-With Type – Process Unit (RPT 496)

Site: Oneok - Panther Creek  
 Proc Unit: Flare Systems  
 Regulation: NSPS OOOOa  
 Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
100800.13	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:09:16 AM	26	500	0517	26042939	0
100800.14	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:09:51 AM	30	500	0517	26042939	0
100800.15	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:10:23 AM	29	500	0517	26042939	0
131300	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:09:39 AM	29	500	0517	26042939	0
131300	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:53:40 PM	13	500	0517	26042939	0
131300.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:10:02 AM	22	500	0517	26042939	0
131300.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:45:31 PM	13	500	0517	26042939	0
131300.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:10:25 AM	18	500	0517	26042939	0
131300.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:45:56 PM	27	500	0517	26042939	0
131300.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:10:48 AM	9	500	0517	26042939	0
131300.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:46:19 PM	12	500	0517	26042939	0
131400	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:11:29 AM	10	500	0517	26042939	0
131400	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:46:55 PM	13	500	0517	26042939	0
131400.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:11:53 AM	11	500	0517	26042939	0
131400.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:47:18 PM	13	500	0517	26042939	0
131400.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:12:16 AM	10	500	0517	26042939	0
131400.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:47:46 PM	12	500	0517	26042939	0
131400.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:13:09 AM	8	500	0517	26042939	0
131400.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:48:39 PM	12	500	0517	26042939	0
131400.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:13:48 AM	8	500	0517	26042939	0
131400.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:49:41 PM	15	500	0517	26042939	0
131400.05	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:14:11 AM	8	500	0517	26042939	0

## Monitor - Details-CSV-With Type – Process Unit (RPT 496)

Site: Oneok - Panther Creek  
 Proc Unit: Flare Systems  
 Regulation: NSPS OOOOa  
 Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
131400.05	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:50:03 PM	14	500	0517	26042939	0
131400.06	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:14:34 AM	8	500	0517	26042939	0
131400.06	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:50:26 PM	17	500	0517	26042939	0
131400.07	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:15:09 AM	9	500	0517	26042939	0
131400.07	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:51:01 PM	33	500	0517	26042939	0
131500	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:17:31 AM	17	500	0517	26042939	0
131500	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:52:39 PM	13	500	0517	26042939	0
131500.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:17:52 AM	13	500	0517	26042939	0
131500.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 2:53:02 PM	13	500	0517	26042939	0
131500.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:18:16 AM	15	500	0517	26042939	0
131500.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 4:03:20 PM	9	500	0626	31419489	0
131500.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:18:42 AM	15	500	0517	26042939	0
131500.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 4:03:50 PM	9	500	0626	31419489	0
131500.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:19:08 AM	11	500	0517	26042939	0
131500.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 4:04:16 PM	8	500	0626	31419489	0
131500.05	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:19:35 AM	17	500	0517	26042939	0
131500.05	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 4:04:56 PM	8	500	0626	31419489	0
131500.06	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:20:15 AM	23	500	0517	26042939	0
131500.06	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 4:05:20 PM	8	500	0626	31419489	0
131500.07	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:20:38 AM	12	500	0517	26042939	0
131500.07	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 4:05:46 PM	8	500	0626	31419489	0
132400	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7/19/2017 10:28:30 AM	14	500	0517	26042939	0

## Monitor - Details-CVS-With Type – Process Unit (RPT 496)

Site: Oneok - Panther Creek  
 Proc Unit: Flare Systems  
 Regulation: NSPS OOOOa  
 Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
132400	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 4:06:17 PM	7	500	0626	31419489	0
133700	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:26:22 AM	5	500	0626	31419489	0
134400	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:41:42 AM	6	500	0626	31419489	0
134400.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:42:10 AM	6	500	0626	31419489	0
135100	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:47:04 AM	6	500	0626	31419489	0
135100.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:47:34 AM	6	500	0626	31419489	0
135100.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:48:00 AM	6	500	0626	31419489	0
135100.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:48:25 AM	6	500	0626	31419489	0
135100.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:48:49 AM	6	500	0626	31419489	0
135100.05	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:49:29 AM	6	500	0626	31419489	0
135100.06	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:50:00 AM	6	500	0626	31419489	0
135100.07	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:50:28 AM	6	500	0626	31419489	0
135100.08	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:50:56 AM	6	500	0626	31419489	0
135100.09	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:51:23 AM	6	500	0626	31419489	0
135100.10	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:51:53 AM	6	500	0626	31419489	0
135100.11	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:52:26 AM	7	500	0626	31419489	0
135100.12	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:52:53 AM	7	500	0626	31419489	0
135200	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:53:33 AM	6	500	0626	31419489	0
135200.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:53:58 AM	6	500	0626	31419489	0
135200.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:54:24 AM	6	500	0626	31419489	0
135300	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:55:35 AM	6	500	0626	31419489	0
135300.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:56:00 AM	6	500	0626	31419489	0



## Monitor - Details-CSV-With Type – Process Unit (RPT 496)

Site: Oneok - Panther Creek  
 Proc Unit: Flare Systems  
 Regulation: NSPS OOOOa  
 Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
135300.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:56:24 AM	6	500	0626	31419489	0
135300.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:56:49 AM	6	500	0626	31419489	0
135400	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:58:08 AM	6	500	0626	31419489	0
135400.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:58:35 AM	6	500	0626	31419489	0
135400.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:59:01 AM	6	500	0626	31419489	0
135400.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:59:26 AM	6	500	0626	31419489	0
135400.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 9:59:59 AM	6	500	0626	31419489	0
135400.05	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:00:23 AM	6	500	0626	31419489	0
135400.06	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:00:59 AM	6	500	0626	31419489	0
135400.07	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:02:14 AM	6	500	0626	31419489	0
135400.08	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:03:16 AM	6	500	0626	31419489	0
135400.09	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:04:23 AM	6	500	0626	31419489	0
135500	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:05:39 AM	6	500	0626	31419489	0
135500.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:06:06 AM	6	500	0626	31419489	0
135500.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:06:31 AM	6	500	0626	31419489	0
135600	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:07:11 AM	6	500	0626	31419489	0
135600.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:07:48 AM	7	500	0626	31419489	0
135600.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:08:14 AM	6	500	0626	31419489	0
135600.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:08:42 AM	6	500	0626	31419489	0
135600.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:09:09 AM	13	500	0626	31419489	0
135600.05	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:09:35 AM	6	500	0626	31419489	0
135700	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:10:12 AM	6	500	0626	31419489	0

## Monitor - Details-CVS-With Type – Process Unit (RPT 496)

Site: Oneok - Panther Creek  
 Proc Unit: Flare Systems  
 Regulation: NSPS OOOOa  
 Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
135700.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:10:40 AM	6	500	0626	31419489	0
135700.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:11:05 AM	6	500	0626	31419489	0
135700.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:11:33 AM	37	500	0626	31419489	0
135700.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:11:59 AM	6	500	0626	31419489	0
135700.05	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:12:29 AM	6	500	0626	31419489	0
135700.06	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:13:01 AM	6	500	0626	31419489	0
135800	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:14:11 AM	7	500	0626	31419489	0
135800.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:15:21 AM	6	500	0626	31419489	0
135800.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:15:56 AM	7	500	0626	31419489	0
135900	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:16:42 AM	6	500	0626	31419489	0
135900.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:17:07 AM	6	500	0626	31419489	0
135900.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:17:32 AM	6	500	0626	31419489	0
135900.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:17:58 AM	6	500	0626	31419489	0
136000	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:19:06 AM	6	500	0626	31419489	0
136000.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:19:31 AM	6	500	0626	31419489	0
136000.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:19:55 AM	6	500	0626	31419489	0
136000.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:20:55 AM	6	500	0626	31419489	0
136100	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:23:27 AM	6	500	0626	31419489	0
136100.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:24:03 AM	7	500	0626	31419489	0
136100.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:24:37 AM	7	500	0626	31419489	0
136100.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:25:08 AM	6	500	0626	31419489	0
136200	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9/21/2017 3:25:30 PM	126	500	0464	15249568	0



## Monitor - Details-CVS-With Type – Process Unit (RPT 496)

Site: Oneok - Panther Creek  
 Proc Unit: Flare Systems  
 Regulation: NSPS OOOOa  
 Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
136200	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:25:48 AM	9	500	0626	31419489	0
136200	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3/15/2018 2:26:31 PM	6	500	300663	15248072	0
136300	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9/21/2017 3:26:47 PM	19	500	0464	15249568	0
136300	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:26:26 AM	195	500	0626	31419489	0
136300	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3/15/2018 2:27:15 PM	131	500	300663	15248072	0
136400	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9/21/2017 3:27:22 PM	17	500	0464	15249568	0
136400	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:28:57 AM	6	500	0626	31419489	0
136400	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3/15/2018 2:28:30 PM	6	500	300663	15248072	0
136500	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9/21/2017 3:27:56 PM	17	500	0464	15249568	0
136500	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:29:34 AM	6	500	0626	31419489	0
136500	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3/15/2018 2:29:14 PM	4	500	300663	15248072	0
136600	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	9/21/2017 3:28:35 PM	17	500	0464	15249568	0
136600	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:30:11 AM	6	500	0626	31419489	0
136600	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	3/15/2018 2:29:54 PM	6	500	300663	15248072	0
137200	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:45:06 AM	6	500	0626	31419489	0
137200.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:45:35 AM	7	500	0626	31419489	0
137200.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:46:01 AM	6	500	0626	31419489	0
137300	CVS w/Hard Piping	Valve	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:46:39 AM	7	500	0626	31419489	0
137300.01	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:47:07 AM	7	500	0626	31419489	0
137300.02	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:48:16 AM	7	500	0626	31419489	0
137300.03	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:49:03 AM	6	500	0626	31419489	0
137300.04	CVS w/Hard Piping	Connector	Vapor	Yearly (Dec)	Never (SS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	12/14/2017 10:50:00 AM	6	500	0626	31419489	0

Monitor - Details-CVS-With Type – Process Unit (RPT 496)

Site: Oneok - Panther Creek  
Proc Unit: Flare Systems  
Regulation: NSPS OOOOa  
Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Proc Unit Totals: 220



## Monitor - Details-CVS-With Type – Process Unit (RPT 496)

Site: Oneok - Panther Creek  
Proc Unit: Flare Systems  
Regulation: NSPS 0000a  
Date Range: 7/1/2017 to 6/30/2018 11:59:59 PM

Tag Name	Equip Category	Equip Type	Chem State	Mon Frequency	Vis. Frequency	CVS	NDE	Result Date	Reading	Leak Def	Tech	Inst	Background
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Signature: \_\_\_\_\_

